



Vickers

Combination Pumps, Large Series

VC/VCK/VCS/VCKS-29/-39/-49/-128/-138/-148-* -5

VC/VCK/VCS/VCKS-129/-139/-149-* -5

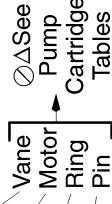
CARTRIDGE ASSEMBLY

○ 919307 (F3) Seal Kit Consists of:	
31411 Gasket	1
33228 Gasket	1
33542 Gasket	1
34311 Gasket	1
255473 Seal	1
261816 Seal	1
261817 Packing	1
262330 "O" Ring	3
262331 "O" Ring	2
262353 "O" Ring	1
262354 "O" Ring	2
262398 "O" Ring	1
263496 "O" Ring	1
263502 "O" Ring	1
905595 Seal S/A	1

Reverse cartridge parts
for left hand rotation.
Assemble vanes with
beveled edges trailing
direction of rotation.



#905505 Seal S/A. (Includes 261805 Oil Seal and 290945 Gasket.) Install gasket in counterbore of adapter. Apply lubricant compatible with fluid used to I.D. of seal and assemble with spring toward inside of pump.



△ High Pressure Pump Cartridge Kits consist of:

Pump Type (See Model Code)	Body
VC, VCK	33139
VC, VCKS	184311

⊘ Low Pressure Pump
Cartridge Kits consist of:

Pump Type (see Model Code)	Plug	"O" Ring	Cover High Pr.	Cover Low Pr.	"O" Ring	Plug
VC, VCK	☐ 7075	—	☐ 131218	131204	—	☐ 7075
VCS, VCKS	181728	☐ 263496	183658	185478	☐ 263496	181728

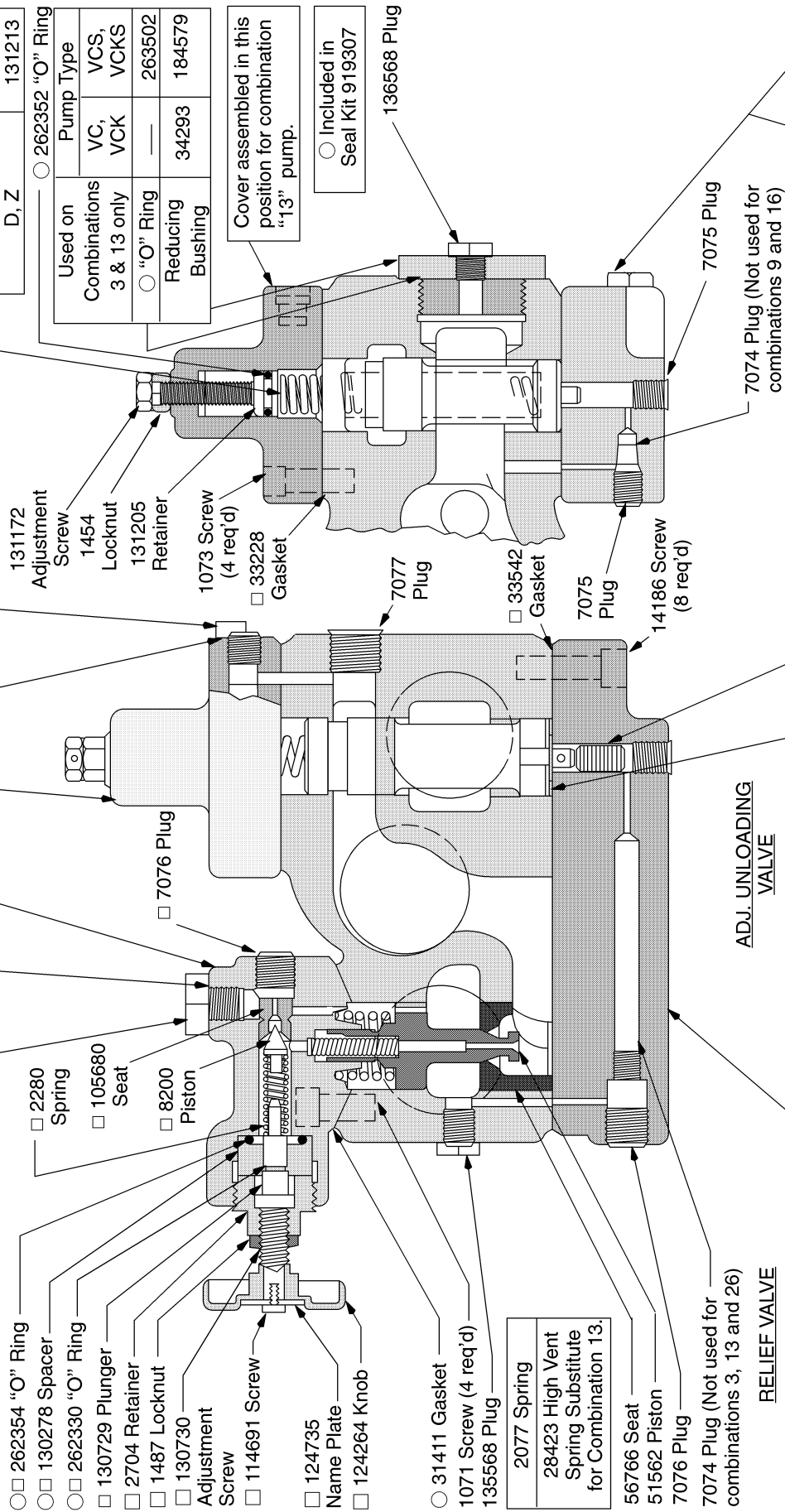
Max. Press. Code Letter (See Model Code)	Spring
A	131211
B	131212
D, Z	131213

Used on Combinations 3 & 13 only	Pump Type	
	VC, VCK	VCS, VCKS
○ "O" Ring	—	263502
Reducing Bushing	34293	184579

Cover assembled in this position for combination "13" pump.

☐ Included in Seal Kit 919307

36568 Plug



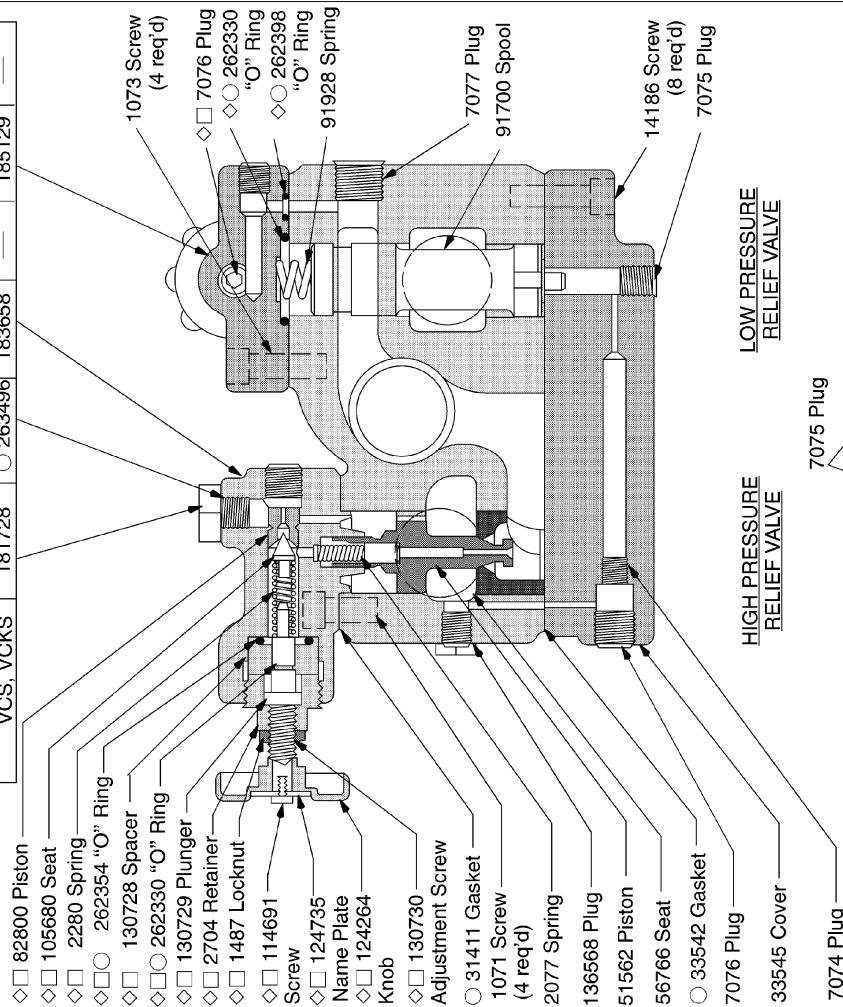
Pump Type (See Model Code)	Pump Combination	Cover
VC, VCK	3, 9, 13, 16, 26	33545
	23	42191
VCS, VCKS	3, 9, 13, 16, 26	182866
	23	184678

Max. Press. Code Letter (See Model Code)	Spool	Plunger
A, B, D Z	33250	22226
Comb. 16-26	36738	—
A, B, D		22226

Pump Type (see Model Code)	Combination	Plug	"O" Ring
VC, VCK	3, 9, 13, 16, 26	—	—
	23	7075	—
VCS, VCKS	3, 9, 13, 16, 26	16127	# 263496
	23	181728	

6COMBINATIONFOR -5 DESIGN LARGE SIZE VC SERIES (FOR CHECK VALVE PARTS, SEE PAGE 1)

◇ □ All parts so marked are the same in each cover kit.					
Pump Type (See model code)	Plug	"O" Ring	High Pressure		Low Pressure
			Cover	Kit	Cover
VC, VCK	◇ □ 7075	—	□ 131218	925329	□ 131247 925328
VCS, VCKS	181728	○ 263496	183658	—	185129



◇	Included in Cover Kit 925328
□	Included in Cover Kit 925329
◇ □	Included in both Cover Kits
○	Included in Seal Kit 919307

Model Code Breakdown

VC (*) (*) - * * * - * - * D * - 5

1 Model Series

Double Pump Combination Type

2 Shaft

K - Short shaft for motor mounting

3 Thread

S - Straight thread connections

4 Type of Mounting and High Pressure Pump Capacity (See cartridge table)

-29, -39, -49 - No mounting
-128, -138, -148 - Foot mounting
-129, -139, -149 - Flange mounting

5 Low Pressure Pump Capacity (See cartridge table)

A, C, D, E, G, Y

6 Combinations

3, 6, 9, 13, 16, 23, 26

7 High Pressure Relief Valve Range

D - 75-1000 PSI

8 Unloading or Low Pressure relief Valve Range

A - 75-250 PSI
B - 125-500 PSI
D - 250-1000 PSI
Z - 30-125 PSI

9 Design

Eaton
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952 937-9800
Fax: 952 974-7722
www.hydraulics.eaton.com

Eaton
20 Rosamond Road
Footscray
Victoria 3011
Australia
Tel: (61) 3 9319 8222
Fax: (61) 3 9318 5714

Eaton
46 New Lane, Havant
Hampshire PO9 2NB
England
Tel: (44) 23 92 486 451
Fax: (44) 23 92 487 110

